

**COUNCIL ACTION FORM**

**SUBJECT:** GRAND AVENUE EXTENSION – PROFESSIONAL SERVICES AGREEMENT

**BACKGROUND:**

This project is the extension of South Grand Avenue from Squaw Creek Drive to South 16th Street. Included is a segment of South 5th Street (South Grand Avenue to South Duff Avenue) as well as intersection improvements to the South Duff Avenue (US Hwy 69)/South 16th Street and South Grand Avenue/S 16<sup>th</sup> Street.

Extending South Grand Avenue to South 16th Street will divert traffic from the US Hwy 69 corridor (Grand Avenue to Lincoln Way to South Duff Avenue) to the new extension. It will help alleviate existing vehicular congestion, reduce accidents, and improve accessibility to area businesses along a portion of Lincoln Way and South Duff Avenue. In addition, through-traffic on the proposed South Grand Avenue extension will also encounter less traffic congestion.

In preparing to extend Grand Avenue, a Request for Proposals was issued for design services. Proposals for this work were received from five engineering firms and were evaluated according to the criteria of Project Understanding, Design Team, Key Personnel, Previous Experience, Project Approach, Responsiveness, Ability to Perform Work, Proposed project design/letting schedule, and Estimated Contract Cost.

Services to be performed by the consultant include, but are not limited to: base topographic survey, hydraulic analysis, wetland mitigation plan, wetland mitigation monitoring, permitting, preparation of plans and specifications for up to four (4) bid lettings, holding two public informational meetings, land acquisition services, traffic analysis, attendance at pre-construction meetings, notification/coordination with Right-of-Way users, adjacent property owners, businesses, property managers, and contractors of construction projects in the project vicinity.

Four City staff members individually ranked each firm on the above listed criteria, followed by a group discussion to verify how well each firm fulfilled the necessary criteria and demonstrated the needed experience to complete this project.

Listed below are the individual scores along with the overall ranking information:

<b>Grand Avenue Extension Evaluation Proposal Ratings</b>			
<b>Firm</b>	<b>Score/400</b>	<b>Rank</b>	<b>Estimated Fee</b>
Shive Hattery/WHKS & Co.	358	1	\$1,045,000
H R Green/HDR	344	2	\$1,550,600
Foth Infrastructure &	327	3	\$1,244,650

Environment, LLC			
Snyder & Associates	314	4	\$1,027,200
Bolten & Menk, Inc.	294	5	\$1,060,000

**Shive Hattery/WHKS & Co. scored the highest and has extensive experience in roadway and bridge/structure design. Shive Hattery has successfully completed several roadway designs, including the roundabout project as part of ISU Research Park and 13<sup>th</sup> Street near the Furman Aquatic Center. WHKS & Co. has extensive bridge/structure design experience including design of the 6<sup>th</sup> Street bridge in Ames and is currently designing the Flood Mitigation – River Flooding project along Squaw Creek at S. Duff Avenue.**

The Grand Avenue Extension project includes: land acquisition, engineering design, construction, and construction administration. The environmental assessment is nearing completion, which was funded in 2015/16. The overall CIP budget for this project is programmed as follows:

	2016/17	2017/18	2018/19	Total
<b>Funding Source:</b>				
G. O. Bonds	\$1,300,000	\$4,000,000	\$3,700,000	\$9,000,000
Federal/State Grants	\$700,000	\$1,725,000	\$1,725,000	\$4,150,000
MPO/STP Funds		\$2,000,000	\$2,300,000	\$4,300,000
			<b>Total Funding</b>	<b>\$17,450,000</b>

### **ALTERNATIVES:**

1. Approve the engineering services agreement for the Grand Avenue Extension - Design with Shive Hattery from West Des Moines, Iowa, in an amount not to exceed \$1,045,000.
2. Direct staff to negotiate engineering services contract with one of the other companies that provided a proposal.
3. Reject all of the proposals and initiate a new RFP process.

### **MANAGER'S RECOMMENDED ACTION:**

The location and environmental studies are very near completion, therefore design can commence. The Grand Avenue Extension project will be completed in several bid packages over the next few fiscal years.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, thereby approving the engineering services agreement for the Grand Avenue Extension - Design with Shive Hattery from West Des Moines, Iowa, in an amount not to exceed \$1,045,000.